

St. Vivekananda Lotus Valley Public School

Session 2024-25

Term 1 – Syllabus

Subject	Class-XI Science
English	Section-A Reading – 1 Unseen comprehension Passages2- Note Making Section-B Grammar & Writing Gap filling (Tenses, Clauses) Transformation of Sentences (Sentences re-ordering) Short Writing – Advertisement writing, poster writing Long Writing- Speech Writing, Debate Writing Section-C Literature Hornbill 1. The Portrait of a Lady 2. We're not afraid to Die 3. Discovering Tut: The Saga Continues Poem: 1- A Photograph2- The Laburnum Top 3- The Voice of Rain4- Childhood Snapshot Ch1- The Summer of the Beautiful white Horse Ch2- The Address Ch3- Mother's Day
Maths	CH1- Sets CH2- Relation and functions CH3- Trigonometric functions CH4- Complex Numbers and Quadratic Equations CH5- Linear inequalities CH6- Permutation and Combination CH7- Binomial Theorem CH11- Introduction to three Dimensional Geometry

Biology	<p>Ch1- The Living world Ch2- Biological classification Ch3- Plant Kingdom Ch4- Animal Kingdom Ch5- Morphology of flowering plants Ch8- Cell – The unit of cell Ch10- Cell cycle and cell Division Ch17- Breathing & exchange of gasses</p>
Chemistry	<p>Ch1- Some basic concept of Chemistry Ch2- Structure of Atom Ch3- Chemical classification and periodicity of elements Ch4- Chemical bonding Ch5- Redox Reaction</p>
Physics	<p>Chapter 1: Physical World and Measurement Chapter 2: Units and Measurements. Chapter 3: Motion in a Straight Line. Chapter 4: Motion in a Plane. Chapter 5: Laws of Motion. Chapter 6: Work, Energy and Power. Chapter 7: System of Particles and Rotational Motion. Chapter 8: Gravitation Chapter 12: Thermodynamics</p>
Music	<p>* संक्षिप्त क्षिपणोः - संगीत, नाद श्रुत, स्वर, सप्तक, था, जाक्षत अलंकार, कण, खिका * मागी - देसी संगीत, राग * ध्रुपद, ख्याल, तराना * ग्रंथ पररचय - नाट्य शास्त्र * जीवन पररचय - फयाज़ खान, उस्ताद बडे गुलाम अली खान * कहरवा ताल, झप ताल * तानपुरे का क्षवस्तृत वणणन * राग पररचय - राग भीमपलासी, राग भैरव * क्षदए गए स्वर समूह से राग पहचान कर उसका स्वर क्षवस्तार करना।</p>

Physical Education	Ch 1(Management of sporting events) Ch 2 (Children and women in sports) Ch 3 (Yoga as preventive measure for Lifestyle diseases)
A.I.	Part-A Unit-1 Communication Skills-III Unit-2 Self Management Skills-III Unit-3 ICT Skills-III Part-B Unit-1 Introduction- AI for Everyone Unit-2 Unlocking the future in AI Unit-3 Python programming Unit-8 AI Ethic and values